

NIH151.001C1



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant	:	Merril)	Group Art Unit: Unknown
)	
App. No.	:	09/976,667)	
)	
Filed	:	October 10, 2001)	
)	
For	:	HIGH SENSITIVITY PHAGE)	
		DISPLAY BIOMOLECULE)	
		DETECTION)	
)	
Examiner	:	Unknown)	
)	

INFORMATION DISCLOSURE STATEMENT

United States Patent and Trademark Office
P.O. Box 2327
Arlington, VA 22202

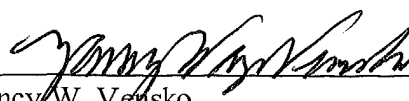
Dear Sir:

Enclosed is form PTO-1449 listing references that are also enclosed. This Information Disclosure Statement is being filed before the receipt of a first Office Action on the merits, and presumably no fee is required in accordance with 37 C.F.R. § 1.97(b)(3). If a first Office Action on the merits was mailed before the mailing date of this Statement, the Commissioner is authorized to charge the fee set forth in 37 C.F.R. § 1.17(p) to Deposit Account No. 11-1410.

Respectfully submitted,

KNOBBE, MARTENS, OLSON & BEAR, LLP

Dated: 3/26/02

By: 
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PATENT

Case Docket No. NH151.001C1

Date: March 27, 2002



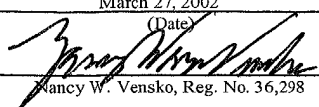
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) : Merrill
Appl. No. : 09/976,667 ✓
Filed : October 10, 2001
For : HIGH SENSITIVITY PHAGE
DISPLAY BIOMOLECULE
DETECTION
Examiner : Unknown
Group Art Unit : Unknown

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March 27, 2002

(Date)


Nancy W. Vensko, Reg. No. 36,298

TRANSMITTAL LETTER

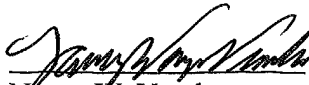
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ATTENTION: APPLICATION BRANCH

Dear Sir:

Enclosed for filing in the above-identified application are:

- (X) An Information Disclosure Statement.
- (X) A PTO Form 1449 with sixteen (16) references.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Account No. 11-1410.
- (X) Return prepaid postcard.


Nancy W. Vensko
Registration No. 36,298
Attorney of Record

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
NIH151.001C1APPLICATION NO.
09/976,667INFORMATION DISCLOSURE STATEMENT
BY APPLICANT

(USE SEVERAL SHEETS IF NECESSARY)

APPLICANT
MerrilFILING DATE
October 10, 2001GROUP
Unknown

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)
	1.	5,223,409	6/29/93	Ladner et al.			
	2.	5,702,892	12/30/97	Mulligan-Kehoe			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	3.	0844306	5/27/98	European Patent Office				
	4.	0617737	1/15/97	European Patent Office				
	5.	97/22972	6/26/97	WO				
	6.	97/00329	1/3/97	WO				
	7.	98/15833	4/16/98	WO				

EXAMINER INITIAL	OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)	
	8.	Aujame, L., et al. (1997) High affinity human antibodies by phage display. Human Antibodies 8(4):155-168.
	9.	Barbas, C. F., et al. (1991) Assembly of combinatorial antibody libraries on phage surfaces: The gene III site. PNAS 88:7978-7982.
	10.	Bradbury, A. (1997) Meeting Report Recent advances in phage display: the report of the Phage Club first meeting. Immunotechnology 3:227-231.
	11.	Chester, K. A., et al. (March 27-30, 1994) A High Affinity Anti-CEA scFv for Tumour Targeting Produced in Filamentous Phage. Br. J. Cancer 69(Suppl 21):15.
	12.	Hagag, N. G., et al. (1990) Molecular Cloning of Proteinase-Encoding Genes from Cancer Cells by Zymogen Assay and Direct Sequencing. Anal. Biochem. 191:235-241.
	13.	Merz, D. C., et al. (1995) Generating a phage display antibody library against an identified neuron. J. Neuroscience Methods 62:213-219.
	14.	Nissim, A., et al. (1994) Antibody fragments from a 'single pot' phage display library as immunochemical reagents. EMBO J. 13(3):692-698.
	15.	Persson, M. A., et al. (1991) Generation of diverse high-affinity human monoclonal antibodies by repertoire cloning. PNAS 88:2432-2436.
	16.	Watkins, J. D., et al. (1998) Discovery of Human Antibodies to Cell Surface Antigens by Capture Lift Screening of Phage-Expressed Antibody Libraries. Analytical Biochem. 256:169-177.

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EXAMINER	DATE CONSIDERED
*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED, INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	